

**ABSTRACT**

The invention relates to an inlet coating for gas turbines. Said inlet coating acts as a seal for a radial gap between a housing (11) of the gas turbine and rotating blades (10) of the latter, the coating (13) being applied to the housing. According to the invention, the inlet coating (13) consists of at least one layer, at least one outer layer of the inlet coating (13) being produced from a material with a magnetoplumbite structure, preferably lanthanum hexaaluminate.